(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

Rec'd PCT/PTO 12 JAN 2005

(19) World Intellectual Property Organization
International Bureau

10/521125

(43) International Publication Date
22 January 2004 (22.01.2004)

PCT

(10) International Publication Number
WO 2004/008720 A1

(51) International Patent Classification[7]: H04M 1/00, H04Q 7/20

(21) International Application Number: PCT/US2003/022086

(22) International Filing Date: 12 July 2003 (12.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/395,256 12 July 2002 (12.07.2002) US

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(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU,*

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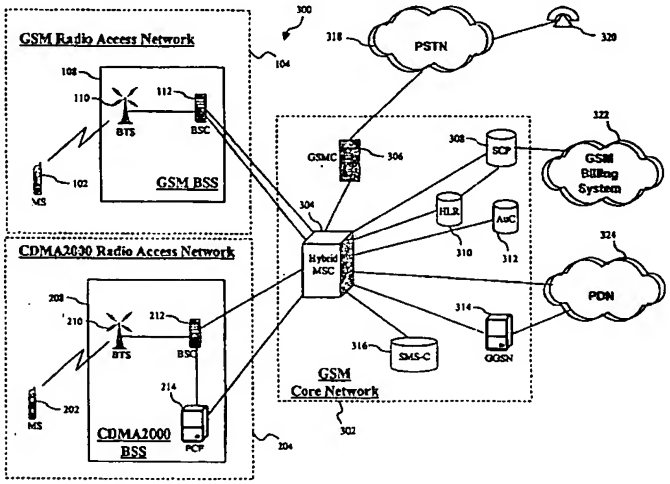
(54) Title: METHOD AND SYSTEM FOR THE USE OF DIFFERENT WIRELESS TECHNOLOGIES WITHIN A HYBRID SWITCH PROTOCOL STACK



(57) Abstract: Provided is a method and system for enabling communication between mobile devices (102, 202), radio access networks (RANs; 104, 204), and core networks (CNs; 302) based on different specifications and underlying technologies. For example, a mobile station (MS; 102, 202) may be compatible with multiple standards or specifications (e.g., GSM and CDMA), and may need to communicate with a network via an interface that is not compatible with the network (e.g., a GSM network and a CDMA interface). A hybrid MSC (304) that is compatible with both standards may be provided between the GSM network and the CDMA interface. In some examples, the hybrid MSC (304) may inherit components or functionality from both the network and the interface, which enables the hybrid MSC (304) to handle messages from both without needing to change either of them. For example, the hybrid MSC (304) may receive messages from the network and encapsulate them in one or more messages compatible with the interface for transmission over the interface.

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